

09/27/99

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

1. Correction of Information--37 CFR 1.82

The drawing(s) filed (insert date) 3/24/99 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

The drawings with the changes indicated herein must be submitted to the Office of the Patent and Trademark Office, Attention: Patent Drawing Review, Room 1000, 400 ...

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:  
 (1) Color drawings are not acceptable until patent is granted.  
 (2) Pencil and non-black ink are not permitted. Fig(s) \_\_\_\_\_  
 (3) Scale 37 CFR 1.84(b) \_\_\_\_\_  
 (4) Arrangement of views. 37 CFR 1.84(i) \_\_\_\_\_  
 (5) Character of lines, numbers, & letters. 37 CFR 1.84(j) \_\_\_\_\_  
 (6) Numbers, letters, & reference characters. 37 CFR 1.84(p) \_\_\_\_\_  
 (7) Lead lines. 37 CFR 1.84(q) \_\_\_\_\_  
 (8) Numbering of sheets of drawings. 37 CFR 1.84(t) \_\_\_\_\_  
 (9) Numbering of views. 37 CFR 1.84(u) \_\_\_\_\_  
 (10) Corrections. 37 CFR 1.84(w) \_\_\_\_\_  
 (11) Design drawings. 37 CFR 1.152 \_\_\_\_\_
2. PHOTOGRAPHS. 37 CFR 1.84 (b)  
 (1) Full-tone set is required. Fig(s) \_\_\_\_\_  
 (2) Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_  
 (3) Poor quality (half-tone). Fig(s) \_\_\_\_\_
3. TYPE OF PAPER. 37 CFR 1.84(c)  
 (1) Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
 (2) Erasures, alterations, overwritings, interlineations, (pencil, copy), marking marks not accepted. Fig(s) \_\_\_\_\_  
 (3) Mylar, vellum, paper is not acceptable (top line). Fig(s) \_\_\_\_\_
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 (1) 21.0 cm by 29.7 cm (DIN size A4)  
 (2) 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 (3) All drawing sheets not the same size. Fig(s) \_\_\_\_\_  
 (4) Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 (1) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 (2) SIZE: A4 Size  
 (3) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 (4) SIZE: 8 1/2 x 11 inches  
 (5) Margins not acceptable. Fig(s) \_\_\_\_\_  
 (6) Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
 (7) Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_
6. VIEWS. 37 CFR 1.84(h)  
 REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)  
 (1) Brackets needed to show figure as one entity. Fig(s) \_\_\_\_\_  
 (2) Views not labeled separately or properly. Fig(s) \_\_\_\_\_  
 (3) Enlarged view not labeled separately or properly. Fig(s) \_\_\_\_\_
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)  
 (1) Hatching not indicated for sectional portions of an object. Fig(s) \_\_\_\_\_  
 (2) Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  
 (1) Views do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_  
 (2) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)  
 (1) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) \_\_\_\_\_  
 (2) Solid black areas pale. Fig(s) \_\_\_\_\_  
 (3) Solid black shading not permitted. Fig(s) \_\_\_\_\_  
 (4) Shading lines pale, rough and blurred. Fig(s) \_\_\_\_\_
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)  
 (1) Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_  
 (2) Figure legends are poor. Fig(s) \_\_\_\_\_  
 (3) Numbers and reference characters not oriented in the same direction as the view. Fig(s) \_\_\_\_\_  
 (4) English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_  
 (5) Numbers, letters and reference characters must be at least 32 cm (1.2 inch) in height. 37 CFR 1.84(p)(3) Fig(s) \_\_\_\_\_
13. LEAD LINES. 37 CFR 1.84(q)  
 (1) Lead lines cross each other. Fig(s) \_\_\_\_\_  
 (2) Lead lines missing. Fig(s) \_\_\_\_\_
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)  
 (1) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) \_\_\_\_\_
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  
 (1) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_
16. CORRECTIONS. 37 CFR 1.84(w)  
 (1) Corrections not made from prior PTO-948 dated \_\_\_\_\_
17. DESIGN DRAWINGS. 37 CFR 1.152  
 (1) Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 (2) Solid black shading not used for color contrast. Fig(s) \_\_\_\_\_

COMMENTS

REVIEWER

A.D.

DATE

7/22/99

TELEPHONE NO.

ATTACHMENT TO PAPER NO.

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